

BARTOS, Jiri, MUDr.

Diagnosis of fat embolism. Cas. lek. cesk. 94 no.49:1350-1353
2 Dec 55.

1. I. chirurgicka klinika akademika Arnolda Jiraska. Ustav pro
histologii akademika Jana Wolfa.
(EMBOLISM, diagnosis,
fat embolism)

CZECHOSLOVAKIA/General Biology - Individual Development.
Transplants and Coalescence.

B

Abs Jour : Ref Zhur Biol., No 6, 1959, 2365j

Author : Bartos, Jiri; Pesek, Miroslav; Junger, Ladislav; Klika, Eduard

Inst : -

Title : Experimental Work on Replacing Dura Mater by Amnion

Orig Pub : Ceskosl. neurol., 1957, 20, No 4, 233-246

Abstract : The usefulness of amnion for replacement of dura mater in dogs, cats and guinea pigs was determined experimentally. It was established that the amnion, as compared with other substitutes (fibrine film, fibrine foam and fascia) corresponds to a greater degree to the demands placed on those substances. It is more available and withstands sterilization well and it conditions a comparatively small reaction of the surrounding cellular tissue. In the course of 2 months after surgery, its resorption takes place

Card 1/2

- 20 -

CZECHOSLOVAKIA/General Biology - Individual Development.
Transplants and coalescence

B

Abs Jour : Ref Zhur Biol., No 6, 1959, 23635

and its replacement by a connective-tissue layer which subsequently cannot be microscopically differentiated from normal dura mater. In a majority of cases, amnion prevented proliferation of tissue into the brain, and by this also the formation of platyrrhine adhesion of the connective tissue with the surface of injured brain. The regeneration of arachnoid was absent and, after its injury, adhesions between the membranes were always observed. -- K.G. Gazaryan

Card 2/2

BARTOS, J.

SCIENCE

Periodical CZECHOSLOVENSKA MIKROBIOLOGIE. Vol. 3, no. 1. 1958

BARTOS, J. An new method of staining microorganisms in contact slide technique. p. 58

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 3,
March, 1957, Uncl.

KOPPL, Ladislav; BARTOS, Jiri; VALACH, Vladislav

Use of deep skin grafts; bacteriological & histological study of tissue in the replacement of the greater vessels. Sborn. lek. 59 no.7-8:249-254 July 58.

I. I. chirurgická klinika fakulty všeobecného lékařství KU v Praze, přednosta akademik prof. Dr. Arnold Jirásek. I. patologickeoanatomický ústav KU v Praze, vedoucí doc. Dr. Blahoslav Bednar. As. Dr. L. K., I. chirurgická klinika, U nemocnice 2, Praha 2.

(SKIN TRANSPLANTATION

bacteriol. & histol. comparison of preserv. of grafts in various types of solutions at low temperatures (Cz))

(COLD, eff.

freezing on bact. of preserved skin grafts (Cz))

BARTOS, Jiri; JUNGER, Ladislav; KLIKA, Eduard

Experimental works with the substitution of the dura mater.II.
Rozhl. chir. 38 no.11:763-765 Nov 59.

1. I. chir. klin. KU, prednosta prof. dr. J. Pavrovsky Histologicky
ustav KU, prednosta akademik Jan wolf.
(DURA MATER, surg.) (AMNION, transpl.)

PANTOS, Jiri; JUREK, Ladislav; LINHART, Otakar; VALACH, Vladislav

Replacement of large arteries in experiments on dogs. Acta univ. carol. [med.] 7 no.6:785-793 '61.

1. 1. chirurgicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. MUDr. J. Pavrovsky. Hlavu I. patologickoanatomicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. MUDr. B. Bednar, Dr Sc.
(ARTERIES surgery) (SKIN TRANSPLANTATION exper)

LICHTENBERG, Jar.; PODLAHA, Jiri; BARTOS, Jiri; PESEK, Miroslav

Our experience with implantation of a bifurcate aortefemorepopliteal prosthesis. Rozhl. chir. 40 no.9:587-593 S '61.

1. I chirurgicka klinika prof. dr. J. Pavrovskeho.

(ILIAC ARTERY dis) (FEMORAL ARTERY dis)
(AORTA surgery) (POPLITEAL ARTERY surgery)

BARTOS, Jiri
SURNAMES (in caps); Given Names

47
92

Country: Czechoslovakia

Academic Degrees: MUDr

Affiliation: Surgical Clinic I of Charles University (I chirurgicka
Klinika KU), Prague; Chief (Prednosta): Prof Dr J Pavrovsky

Source: Prague, Prakticky Lekar, Vol 41, No 17, 5 September 1961,
pp 745-748

Data: "The Development of the Surgical Treatment of Chronic
Arterial Obliterations During the Last Fifteen Years."

125

SESTAK, Zdenek; BARTOS, Jiri

Photosynthesis and chlorophyll content in various parts of fodder cabbage leaves. *Biologia plantarum* 4 no.1:47-53 '62.

1. Department of Plant Physiology, Institute of Biology, Czechoslovak Academy of Sciences, Praha and Laboratory for Algae Research, Institute of Biology Czechoslovak Academy of Sciences, Trebon.
Authors' addresses: Biologicky ustav Ceskoslovenske akademie ved, Na cvicisti 2, Praha 6 - Dejvice (for Sestak) a Biologicky ustav Ceskoslovenske akademie ved, Laborator pro vyzkum ras, Cukelsak 145, Trebon (for Bartos).

BARTOS, Jiri; LICHTENBERG, Jaroslav

Early results of surgical treatment of chronic arteriosclerotic occlusions of the aorta and peripheral arteries with the aid of synthetic prostheses of Czechoslovakian production. Cas.lek.cesk 101 no.7:204-211 16 F '62.

1. I chirurgicka klinika KU v Praze, prednosta prof. MUDr. J. Pavrovsky.

(AORTA dis) (ARTERIOSCLEROSIS surg)

BARTOS, J.; LICHTENBERG, J.

Contribution to the surgical technic of endarterectomy combined with terylene patch. Rozhl. chir. 42 no.1:55-57 Ja '63.

1. I. chirurgicka klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. J. Pavrovsky.

(VASCULAR SURGERY) (ARTERIES) (PLASTICS)
(BLOOD VESSEL PROSTHESIS)

SESTAK, Zdenek, Sc.C., promovany biolog; BARTOS, Jiri, promovany biolog

Effect of the chlorophyll content reduction on the photosynthesis of maize. Rostlin vyroba 9 no.2:119-134 F '63.

1. Ustav experimentalni botaniky, Ceskoslovenska akademie ved, Praha (for Sestak). 2. Mikrobiologicky ustav, Ceskoslovenska akademie ved, Laborator pro vyzkum ras, Trebon (for Bartos).

BARTOS, Jiri, inz. CSs., podplukovník

Relation of car driving conditions to the service life of
tires. Automobil Cz 8 no.8s22-29 Ag'64

1. Antonín Zapotocký Military Academy, Brno.

BARTOS, Josef, inz.

Notes on the evaluation of afterdamps produced by blasting operations
in mines. Rudy 10 no.9:316-318 S '62.

1. Ustredni bansky urad, Praha.

CZECHOSLOVAKIA

BARTOS, J.; LEBDUSKA, J.; Research Institute of Veterinary Medicine (Vyzkumny Ustav Veterinarniho Lekarstvi), Brno - Medlanky. ①

"Disinfecting Effect of Concentrate Containing KH_2IO_3 , KI, and H Cl on Mycobacterium Phlei."

Prague, Veterinarni Medicina, Vol 11, No 12, Dec 66, pp 703-709

Abstract [Authors' English summary modified]: The concentrate investigated had the following composition: 5.0g of KH_2IO_3 , 5.5 g KI, 437.5 ml of 37% H Cl, and 500 ml of distilled water. In a medium of cow feces a 5% solution of the concentrate had a 100% bactericidal effect in 30 - 60 minutes. A 10% solution sprayed on the walls in an amount of 1 liter per 1 square meter had a 100% bactericidal effect in 3 hours. Practical application of the concentrate is discussed. 3 Tables, 2 Czech, 7 Russian references. (Manuscript received 21 Feb 66).

BARTOS, K.

Czechoslovakia

Regulierung der im Kriege vernichteten Gemeinden in der Slowakei (tschech.)
S. 82 bis 83

SO: Vermessungs Technik, Nov 1955, Uncl.

BARTOS, K.

Support given by technicians in making production more economical, p. 11,
TOBBTERMELES, (Uzemi Tervgazdasagi es Szervezesi Tudomanyos Egyesulet)
Budapest, Vol. 9, No. 6, June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

BARTOS, KAREL.

TECHNOLOGY

Bartos, Karel. S icki stroje v konfekcich pletenych vyrobku. Praha, Statni nakl. technickej literatury, 1956. 312p. (Edicia teoretickej literatury)

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,
May 1959, Unclass.

BARTOS, KAREL

TECHNOLOGY

BARTOS, KAREL * Sici strojeje konfekcich pletenych vyrobku. Praha. Statni nakl, technicke literatury, 1958. 267 p.

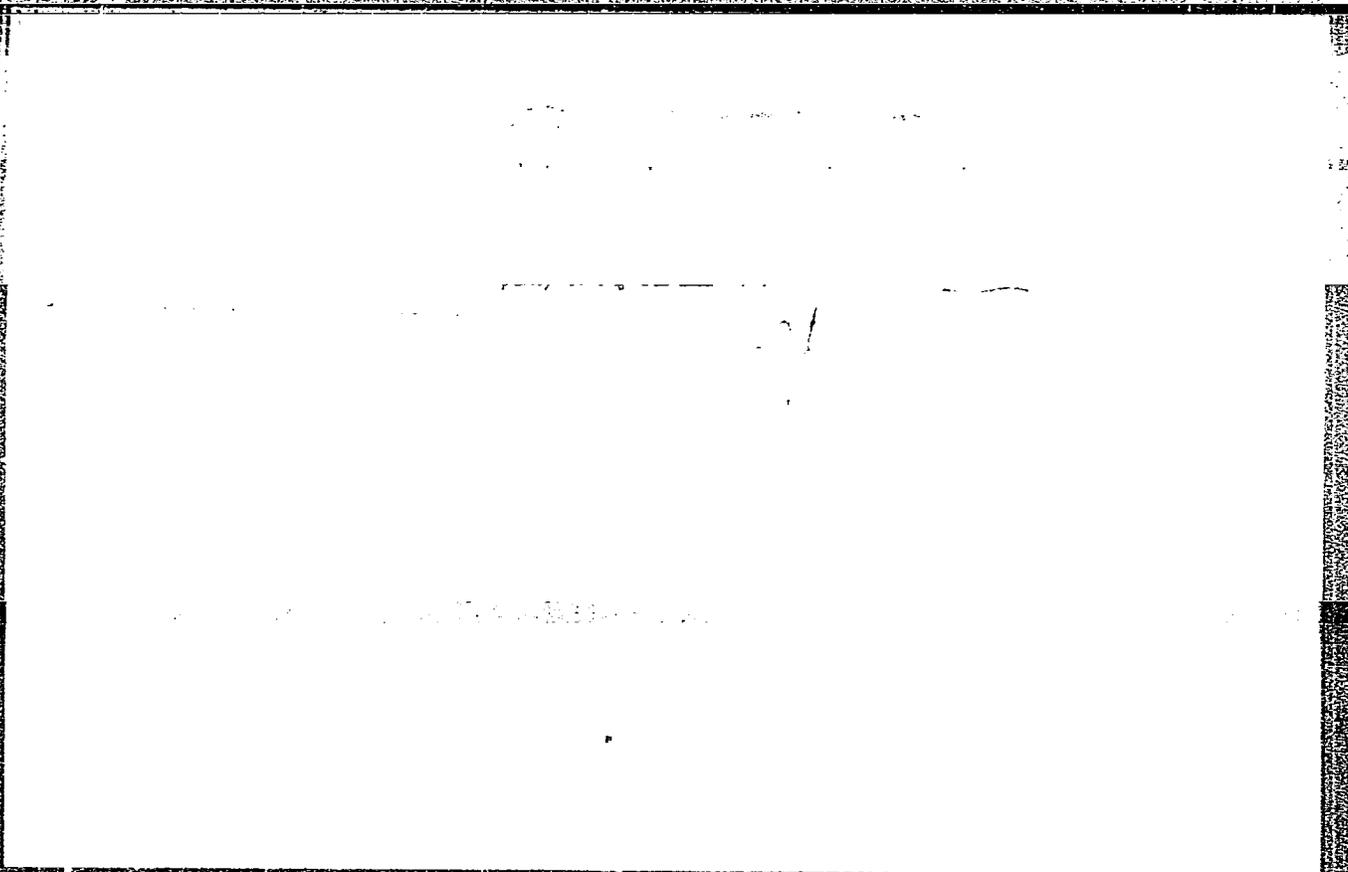
**Monthly List of East European Accessions (EEAI) LC Vol. 8, No.2
May 1959, Unclass**

PIETS, H.

"Participation of Slovak geodesists in the development of Czechoslovak geodesy and cartography during the period of the socialization of Czechoslovakia, 1918-1945."

n. 51 (Geodetický a Kartografický Obzor, Vol. 4, no. 5, Jan, 1955, Praha, Czechoslovakia)

Monthly Index of East European Accession (MIEA) 10, Vol. 7, No. 1, 1959



BARTOS, K.

New apparatus for continuous shaping of polyamide fibers. II. p. 250.

TEXTIL.. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia,
Vol. 14, no. 7, July 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2,
Feb. 1960.

Uncl.

S/262/62/000/002/013/017
1008/1208

AUTHOR: Bartoš, Karel

TITLE: A safety valve

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no 2, 1962, 58. abstract
42.2.329. P. Czech. patent, class 46c', 15/02, no. 92737m, November 15, 1959

TEXT: A design is given of a valve protecting the engine's oil-cooler against damage owing to an increase in the oil's pressure due to its thickening. The valve is installed in the plug of a three-way cock for disconnecting the cooler from the lubrication system. There are 2 figures. ✓

[Abstracter's note: Complete translation.]

Card 1/1

S/262/62/000/002/008/017
1008/1208

AUTHOR: Bartoš, Karel

TITLE: The placing of valve-seats

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no. 2, 1962, 54, abstract 42.2.295. P. Czech. patent, class 46c¹, 4, no. 42719, November 15, 1959

TEXT: A decrease in the danger of the formation of cracks in the bottom of the cylinder-head between the central hole under the injector and the seats of the valves is obtained by making the external diameter of the inserted seats large enough to reach the hole under the injector. The dangerous zone, which is under the seat, is covered by the injector, and thus is not directly subjected to the influence of the hot gases. With such placing of the seats the diameter of the valves can be increased. There are 2 figures. ✓

[Abstracter's note: Complete translation.]

Card 1/1

S/262/62/001/001/005/010
1014/1252

AUTHOR: Bartoš, Karel

TITLE: Cooling of injectors

PERIODICAL: Referativnyy zhurnal, Silovyye Ustanovki, no. 1, 1962, 73, abstract 42.1.388 (Czech. patent, class 46c⁴, 7, no. 92723, November 15, 1959).

TEXT: The vertically scated injector is mounted in a pocket of the cylinder head of the Diesel engine. An opening in the pocket bottom communicates with a cavity in the cylinder head, which serves as collector for the drained oil during lubrication of the rocking levers. The injector pocket communicates with the oil drain to the sump of the engine by means of a second opening, situated higher than the first.

[Abstracter's note: Complete translation.]

Card 1/1

BARTOS, K., ing.

High productivity machines for bulking synthetic filament yarns on the false twist principle. Ind text Rum 14 no.4: 172-177 Ap '63.

1. Institutul de cercetari pentru tricotaje din Brno, R.S. Cehoslovaca.

BARTOS, I.

The 1956 achievements in the leather and shoe industry.

P. 51 (BOR-IS CIOTECHNIKA) Budapest Vol. 7, No. 2, May 1957.

SO: Monthly Index of Past European Accessions (AEEI) Vol. 6, No. 11 November 1957.

STRYCEK, R.; KOTULEK, M.; BARTOS, L.; ZAHORIK, I.

Our experiences with the effect of lactulose on acidophilic and bifidus flora in the gastrointestinal tract of infants. *Cesk. pediat.* 16 no.7/8:680-686 J1-Ag '61.

1. Detske oddeleni OUNZ v Kyjove, prednosta dr. R. Strycek - Kojenecky ustav OUNZ v Kyjove, prednosta dr. M. Kotulek.

(GASTROINTESTINAL SYSTEM microbiol)
(INFANT NUTRITION)
(LACTOSE nutrition & diet)

BARTA, Lajos

HUNGARY

MD

No. 1 Children's Clinic, Medical School, University
of Budapest; Director: Professor Pal GEGESI KISS,
Academician (Budapesti Orvostudományi Egyetem
I. sz. Gyermekklinika)

Budapest, Gyermekgyógyászat, No 8, Aug 62, pp 225-235.

"The Influence of Childhood Diabetes Mellitus on
the Development of the Patients."

Co-author:

SZOKE, Laszlo, MD, No. 1 Children's Clinic, Medical
School, University of Budapest.

BARTA, Lajos

HUNGARY

MD

No. 1 Children's Clinic, Medical School, University
of Budapest; Director: Professor Pal GEGESI KISS,
Academician (Budapesti Orvostudományi Egyetem
I. sz. Gyermekklinika)

Budapest, Gyermekgyógyászat, No 10, Oct 62, pp 316-318.

"The Change of Blood-sugar Level as a Result of the Use of
Metrazol in a State of Starvation."

Co-author:

Mrs. VEDRES, nee TOTH, Marta, MD, No. 1 Children's
Clinic, Medical School, University of Budapest.

BARTA, Lajos, dr.; BUGAR-MESZAROS, Karoly, dr.; OKOS, Gizella, dr.;
ROSTA, Janos, dr.

Vascular examinations on diabetic children. Orv. hetil. 103 no.40:
1883-1886 7 0 '62,

1. Budapesti Orvostudományi Egyetem, I. Gyermekklinika, Fovarosi Istvan
Korhaz, I. Belosztaly es Budapesti Orvostudományi Egyetem, IV. Belklinika.
(DIABETES MELLITUS, JUVENILE) (CAPILLARIES)

BARTCS, M.

"Planning Requirements of Machinery in Agricultural Cooperatives and Machine-tractor Stations", P. 42, (ROZVOJ ZEMELSTVI, Vol. 4, No. 3, February, 1954, Praha, Czech.)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

BARTOS, A.; HARTAUŠ, J.

"Advantages of Mechanized Harvesting of Sugar-Beets." p. 325,
(MECHANISACE ZEMEDĚLSTVÍ, Vol. 4, No. 17, Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

BARTOS, M.

For a higher level of agronomic service in machine-tractor stations. p. 37.

How is the repair of tractors carried out? p. 38

Development of the mechanization of Rumanian agriculture. Tr. from the Rumanian. p. (3)
of cover.

MECHANISACE ZEMEDELSTVI. Vol. 5, No. 2, Jan. 1955.

SO: Monthly East European Accession (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

BARTOS, M.

Achievements of the Zabokreky Machine-Tractor Station in the past year. p. 59.
MECHANISACE Z MEDELSTVI, Praha, Vol. 5, no. 4, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

BARTOS, M.

Martaus, J. Problem of planting corn in checkrows. p. 128,
MECHANISACE ZEMEDLSTVI, Praha, Vol. 5, no. 7, Apr. 1955.

SC: Monthly List of East European Accessions, (EEM), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

BARTOS, M.

Bartos, M.

Advantages of the tractor in interrow cultivation. p. 182.

Vol. 5, no. 10, May 1955
MECHANISACE ZEMEDILSTVI

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

BARTOS, M.

"Center councils at the machine-tractor station in Zabokreky nad Nitrou."

MECHANISACE ZEMEDELSTVI, Praha, Czechoslovakia, Vol. 5, No. 18, September 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

BARTOS, M.

"Utilizing the advantages of harvesting sugar beets with the SKEM-3 combine."

MECHANISACE ZEMEDELSTVI, Praha, Czechoslovakia, Vol. 5, No. 19, October 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

BARTOS, M.

"Through a better distribution of motor fuel we shall reduce the overhead costs of collective farms."

MECHANISACE ZEMEDLSTVI, Praha, Czechoslovakia, Vol. 5, No. 20, October 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

BARTOS, N.

Dispatching service and operative management of the Galanta Machine-
Tractor Station.

p. 44
Vol. 6, no. 3, Feb. 1956
MECHANISACE ZEMEDELSTVI
Praha

SO: Monthly List of East European Accessions (EEAA), LC, Vol. 5, no. 12
December 1956

BARTOS, MILOS.

Mechanizacia prac v zivocisnej vyrobe. Martin, Osveta, 1957. 70p.
(Veda ludu. Seria IV, roc.5, cis.43-44)

Monthly List of East European Accession (EEAI) LC, Vol.8, no.12
Dec.1959
Uncl.

BARTOS, M.

Problems of remuneration for the work performed by machine-tractor stations on collective farms. p.89.

(Beseda Venkovske Rodiny, Vol. 30, No. 2, Apr. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

BARTOS, Mir

Measurement of inductivity with strong direct saturation.
Sdel tech ll no.9:355 S '63.

BARTOS, O.

"LOOKING for Bears."

p. 261. (Chesky Lid., Vol 34, No. 7, 1957, Prague, Czechslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol 7, No. 12, Dec 58

BARTOS, O.

GEOGRAPHY & GEOLOGY

Periodicals: KRASY SLOVENSKA. Vol. 35, No. 11, 1958. (Nov)

BARTOS, O. On the peak of economic development; the Banska Bystrica region.
p. 405.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959.
Unclass.

Z/009/61/000/002/006/008
E112/E453

AUTHOR: Bartoš, Otakar

TITLE: ~~Contribution to Flow Characteristics in Mooney's~~
Viscosimeter

PERIODICAL: Chemický průmysl, 1961, No.2, pp.105-106

TEXT: The author refers to studies of flow characteristics in Mooney's viscosimeter, carried out by Graig et al (Rubber World, 14C, 565, 1959, Ref.5) who used two coloured (black and white) samples in their work. Part of the sample on one side of the axis of the rotor was prepared from black and the other part from white material. Flow lines were then studied under varying conditions of rotation speed and time, temperature seration of rotor. Typical experimental conditions were: Temperature 220°F, 0.5 rpm, 0,4,8,16 and 32 min rotation times. Results indicated that the number of layers under or above the rotor were correlated directly to the number of revolutions of the rotor. Each revolution adds one black and white layer which are evenly distributed. Differences in the thickness of the layers and whirlpool effects at the end regions are connected with changes in

Card 1/2

Contribution to Flow ...

Z/009/61/000/002/006/000
E112/E453

shearing speed. Similar results were obtained at the Research Institute for Rubber and Plastics Technology, Gottwaldov using polyvinyl chloride. The object of the present paper was to correlate results obtained in Mooney's viscosimeter with the theory of mixing very viscous liquids, according to Wiley (J.Coll.Sci. 6, 133, 1951, Ref.7) and Mohr (Ind.Eng.Chem.49,1885, 1957, Ref.8). It was established that the rate of mixing was directly proportional to the thickness of the layer r defined by equation $r = (1/2)(h/N)$ where h = distance between the viscosimeter rotor and stator and N = total number of revolutions. A rough agreement was found between calculated and real values. Discrepancies can be explained by change of shearing speed with increased distance from the axis of the rotor. There are 2 figures, showing form of test pieces and their cross-sections after 0, 2, 4, 8 and 16 revolutions of the rotor, and 8 references: 1 Czech and 7 non-Czech.

ASSOCIATION: Výzkumný ústav gumárenské a plastikářské technologie, Gottwaldov (Research Institute for Rubber and Plastics Technology, Gottwaldov)

SUBMITTED: February 8, 1960
Card 2/2

BARTOS, Otakar

Rheologic properties of the meltings of high-pressure and low-pressure polyethylenes and of polypropylene. Chem prum 12 no.2: 97-102 F '62.

1. Vyzkumny ustav gumarenske a plastikarske technologie, Gottwaldov.

BARTOS, Pavel (Bratislava, Sibirska 9)

On a property of the equilateral triangle and some other triangles.
Cas pro pest mat 90 no.1:101-103 F '65.

BARTOS, Pal

The system of technical control and its up-to-date gauge testers.
Meres automat 9 no.5:133-137 '61.

1. Diosdi Csapagygyar merolabor vezeto.

BARTOS, Pal

The system of technical control and its up-to-date gauge testers. Meres automat 9 no.6:173-177 '61.

1. Diosdi Csapagygyar merolabor vezeto.

RUMANIA/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour : Ref Zhur - Biologiya, No 7, 1957, 26290

Author : Bartos, P.

Inst :

Title : Uroformalicine - an Antibiotic Preparation Cointaining Active Substances from Garlic (a Preliminary Communication).

Orig Pub : Probleme zootehn. si vetrin., 1955, No 12, 46-50.

Abst : An ammonia extract is prepared from crushed garlic cloves, and formalin is added to it after appropriate processing. The result is a syrup-like, translucent, yellowish liquid sweetish in taste, which later acquires the odor and taste of garlic. When stored at room temperature or at 30 to 40 degrees, a greyish white compact mass is formed, which later turns to an odorless powder of somewhat bitter taste. This substance is highly hygroscopic, and is easily soluble in water and insoluble

Card 1/2

Rumania/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour : Ref Zhur - Biologiya, No 7, 1957, 26290

in alcohol. Diluted to 1: 125, the preparation arrests the growth of staphylococci, streptococci, bacteria of the coliform family, the agents of tetanus, gangrene, and others. It is not highly toxic, and preserves its bacteriostatic properties over long periods of time both in solutions and in dehydrated form. The preparation may be used in solution form for gargling or painting the pharynx in upper respiratory infections, to impregnate 24-hour compresses for gangrenous processes in tooth canals, and for colds in the form of 25% solution instillation. In powder and tablet form, the preparation was used in cases of infected wounds. It quickly arrested pus formation and stimulated closure, and prevented pus complications burns. It is very effective when used locally, has a wide bacteriostatic spectrum, and is very inexpensive.

Card 2/2

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Applications - Pesticides. H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37317

Author : Zemanek, J., Bartos, P.

Inst : -

Title : Relation Between Biological Activity and Chemical Structure of Some Compounds Used in Fighting Barley Smut (Ustilago)

Orig Pub : Sbor. Ceskosl. akad. zemed. ved. Rostl. vyroba, 1956, 29, No 12, 1233-1240

Abstract : Field and laboratory experiments on barley smut ustilago nuda were conducted in order to test 36 compounds: 2,5-dichloro, 2,3,5-trichloro, 2,6-dibromo, tetrachloro (I), n-benzoquinone (II), 2-chloro, 2,5-dichloro (III), tetrochloro (IV), trimetyl, oxy, hydroquinone (V), 2,3-dichloro, 2,3-dibromo, 2-methyl-1,4-naphthaquinone, a-chloro, 2,3-dibromo anthraquinone (VI);

Card 1/2

50

BARTOS, P.

Circulation of rabies virus in the infected organism. Stud. cercet. inframicrobiol., Bucur. 8 no.2:229-238 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in sedinta din 11 octombrie 1955.

(RABIES, experimental

circ. of rabies virus in infected animals)

CZECHOSLOVAKIA / Plant Diseases--Cultivated Plants

0

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 73291

Author : Zamanek, Jiri, Bartos, Pavel

Inst : Not given

Title : Anaerobic Fungicide Treatment of Barley Against
Barley Smut (*Ustilago nuda*)

Orig Pub: Za vysokou urodu, 1958, 6, No 3, 65

Abstract: No abstract.

Card. 1/1

3

BARTOS, P

"Linear systems of direct similitudes in a plane."

CASOPIS PRO VĚSTOVANI MATEMATIKY, Praha, Czechoslovakia, Vol. 84, no. 2. May
1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclas

BARTOS, Pavel (Bratislava)

New methods of the instruction on electric power in schools
of general education. Pokroky mat fyz astr 7 no.4:232-236
'62.

BARTOS, Pavel, inz., ScC.; ZEMANEK, Jiri, inz., ScC.

Experience in chemical treatment of barley against the loose smut (*Ustilago nuda* [Jens.] Rostr.) by rodan, methyl alcohol, and mercurial disinfecting agents. Rost vyroba 9 no.6:575-584 Je '63.

1. Ustredni vyzkumny ustav rostlinno vyroby, oddeleni ochrany rostlin, Ruzyne.

BARTOS, Pavel, inz.

Treatment of seeds for protection against barley and wheat smut
in the German Democratic Republic. Vest ust zemedel 10 no.5:
182-184 '63.

1. Ustredni vyzkumny ustav rostlinne vyroby, Praha - Ruzyne.

ZADRAZIL, Karel, inz.; BARTOS, Pavel, inz. CSc.

Contribution to wheat breeding for rust resistance by crossing with *Triticum timopheevi* Zhuk. Rest výroba 10 no. 4:353-370 Ap '64.

1. Uhretice Plant Breeding Station (for Zadrazil). 2. Central Research Institute of Plant Production, Ruzyně (for Bartos).

ZEMANEK, Jiri, inz. CSc.; BARTOS, Pavel, inz. CSc.

Anaerobic treatment for loose smut of wheat (*Ustilago tritici*
[Pers.] Jens.). Rost vyroba 10 no. 4:371-382 Ap '64.

1. Central Research Institute of Plant Production, Ruzyne.

BARTOS, Pavel, inz. CSc.

Resistance of varieties of oats to loose smut (*Ustilago avenae*
[Pers.] Jens.). Rost vyroba 10 no. 4:409-422 Ap '64.

1. Central Research Institute of Plant Production, Ruzyně.

SEBESTA, Josef, inz.; BARTOS, Pavel, inz. CSc.

Effect of hyperparasitic fungus *Darluca filum* (Biv.-Bern.) Cast.
on the artificial infection of leaf rust of wheat (*Puccinia recondita*
Rob. ex Desm.). Rost vyroba 10 no.9:869-878 Ag '64

1. Central Research Institute of Plant Production, Prague-Ruzyně.

L 38334-66 EWT(d)/T IJF(c)

ACC NR: AP6027994

SOURCE CODE: CZ/0045/66/000/001/0031/0040

AUTHOR: Bartos, Pavol (Bratislava); Knucky, Josef (Bratislava)

20

ORG: CSAV; Mathematics Institute; SAV, Bratislava (Matematicky ustav, SAV)

B

TITLE: Genesis for combinatorial identities

SOURCE: Matematicko-fyzikalny casopis, no. 1, 1966, 31-40

TOPIC TAGS: combinatorial analysis, probability

ABSTRACT: The article contains two proofs of a theorem by means of which some combinatorial identities are derived. [Based on authors' Eng. abst.] [JPRS: 36,845]

SUB CODE: 12 / SUBM DATE: 09Sep64 / OTH REF: 002

ne
Card 1/1

BARTOS, R.

Movement of the rotor blades of a helicopter and control of the rotor. p. 570.
(KRIDLA VLASTI, No. 13, Sept 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BARTOS, S.

Automatic polishing of pressed aluminum products. p.30.
(Technicka Praca, Vol. 9, No. 1, Jan. 1957, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

BARTOS, S

CZECH

Quality evaluation of silages with a high content of dry matter. S. Bartoš (Výzkumný ústav živočišné výroby ČSAZV, Přelouč, Czech.). *Sborník Českoslov. Akad. Zemiš. Vid 27B*, 525-30(1954).—First-grade silages with a high content of dry matter are erroneously rated into lower classes due to the high pH if evaluated by Škorpič's method. NH₃ is a good indication of the putrefaction of N matter and should be used in place of pH for quality evaluation of silages.
Jan Míka

BARTOS, S.

Utilization of glucose and volatile fatty acids by liver and muscle of calves and adult cattle. *Physiol. Bohemoslov.* 11 no.1:35-38 '62.

1. Research Institute of Animal Production, Czechoslovak Academy of Agricultural Sciences, Department of Physiology and Biochemistry, Uhřetěves.

(GLUCOSE metab) (FATTY ACIDS metab)
(LIVER metab) (MUSCLES metab)

BARTOS, Sander

Present state of the water supply of larger settlements and establishments in the Altaler Valley and its long-range plan.
Hidrolegiai közlöny 43 no.6:477-486 D '63.

1. Építéstudományi Intézet, Budapest; "Hidrolegiai Közöly"
szerkeszte bizottsagi tagja.

BARTOS, Sandor

Possibilities for laying pipelines without trenching in Hungary.
Epites szemle 7 no.9:292-296 '64.

BARTOS, Sandor

Placing pipelines without trenching. Musz elet 19
no.25:15 3 D '64.

BARTOS, Sandor

Geothermal energy. Technika 8 no. 2: 1 F '64.

L 38766-~~L~~ EWP(t)/ETI IJP(c) RDW/JD

ACC NR: AP6029707

SOURCE CODE: CZ/0017/65/054/006/0278/0282

AUTHOR: Bartos, Stanislav (Engineer)

ORG: CKD, Prague

3/3

TITLE: Semiconductor rectifier for the feeding of electric precipitators

SOURCE: Elektrotechnicky obzor, v. 54, no. 6, 1965, 278-282

TOPIC TAGS: selenium rectifier, semiconductor rectifier, electronic equipment

ABSTRACT: The article explains the operating principle of electric precipitators and analyzes the conditions to be satisfied by the source designed for its feeding. The methods of calculation and the main principles of the design of a selenium rectifier connected into a single-phase bridge are shown. Then the basic parameters of the feeding transformer are calculated and the relations are given for calculation of the losses in the rectifier. This paper was presented by Engineer, Doctor of Natural Sciences J. KroczeK. Orig. art. has: 8 figures and 19 formulas. [Based on author's Eng. abst.] [JPRS: 32,482]

SUB CODE: 09 / SUBM DATE: 20Sep63 / ORIG REF: 002 / OTH REF: 002

Card 1/1

UDC: 621.314.63;621.319

0918 0183

BARTOS, T.

"A parachute group should be created at Szentes also" p. 4, (REPULES, Vol. 6, No.1
Jan. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No.11, Nov. 1953, Uncl.

BARTOS, V.; ROSENBERG, Z.

Floor and wall structures of light-weight concrete reinforced by winding. p.21. POZEMNÍ STAVBY. (Ministerstvo stavebnictví) Praha. Vol. 3, no. 1. Jan. 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 5, No. 12, December 1955.

BARTOS, V.

"Safety at work in the lead industry."

p. 267 (Nova Technika, No. 6, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

RUMANIA / Analytical Chemistry. Analysis of Inorganic E
Substances.

Abs Jour: Ref Zhur-Khimiya, No 4, 1959, 11506.

Author : Baroanescu, V., Potamian, E., Bartos, V.

Inst : Not given.

Title : Determination of Impurities in Industrial Selen-
ium.

Orig Pub: Rev. chim., 1958, 9, No 6, 307-310.

Abstract: For the separation and determination of impur-
ities, contained in selenium, a method is prop-
osed, which does not require a preliminary sepa-
ration of Se by calcination and, consequently,
prevents doing damage to the Pt crucibles and
also prevents evaporation of the oxides of some
impurities. A specimen of Se (5-10 g) is evapor-

Card 1/4

RUMANIA / Analytical Chemistry. Analysis of Inorganic E
Substances.

Abs Jour: Ref Zhur-Khimiya, No 4, 1959, 11506.

Abstract: ated to dryness with HNO_3 , and the insoluble residue filtered off. The residue is analyzed for Sn (in a chloride solution), the gangue and SiO_2 . At first, NH_4OH is added to the filtrate until the strong odor of NH_3 is detected, and later on solid Na_2S (100-160 g) is added. At this time the bulk of Se passes into solution as Na sulphoselenide, and all the impurities are precipitated as sulphides, which are filtered off, washed with a dilute solution of NaS and dissolved in 2 n NH_3 . The resulting solution is boiled for 10 minutes, and Se, remaining in the filtrate, is separated, forming selenides with certain metals. The filtrate, containing nitrate salts of the impurities,

Card 2/4

RUMANIA / Analytical Chemistry. Analysis of Inorganic E
Substances.

Abs Jour: Ref Zhur-Khimiya, No 4, 1959, 11506.

Abstract: are evaporated to dryness, treated with a solution of HCl, and the residue of AgCl is filtered off. The solution, after the AgCl separation, is condensed by boiling, treated with a solution of HCl and solid $\text{NH}_2\text{OH}\cdot\text{HCl}$ (for the reduction of the remaining portion of Se), and the remaining portion of Se, which interferes with the subsequent determination of Cu and Pb, is filtered off. In the resulting filtrate, Pb is precipitated by sulphuric acid and determined as PbCrO_4 , and in the filtrate, after the separation of PbSO_4 , Fe^{3+} , Al^{3+} and Bi^{3+} are precipitated with the aid of NH_4OH and NH_4Cl . In subsequent operations, the sesquioxides are determined by precipitation

Card 3/4

BARTOS, V.

8,010

R/004/62/000/002/002/002
D014/D105

9. 2150 (1020, 1159, 1331)

AUTHORS: Mozes, G., Lapedatu, E., Zaharia, C., Friedmann, A., Arabian, L., Radu, O., Bartos, V., and Dedulescu, L., (Bucharest)

TITLE: New types of selenium rectifier-cells

PERIODICAL: Electrotechnica, no. 2-3, 1962, 72 - 86

TEXT: The article describes the possibilities of improving the performance of Rumanian selenium rectifiers and presents three new rectifiers developed by ICET-Institutul de cercetări electrotehnice (Electrotechnical Research Institute) and the Uzinele "Grigore Preoteasa" ("Grigore Preoteasa" Plant). The performance of Rumanian selenium rectifiers was improved either by increasing the inverse-peak voltage as in SV-1 rectifiers, by increasing the current density as in SV-3 rectifiers, or by increasing the inverse-peak voltage and the current density as in SV-2 rectifiers. The SV-1 cell was improved by introducing thallium in a concentration of $8 \cdot 10^{-3}\%$ into the SnCd counter-electrode and applying solid sulfur-in-selenium solution on the surface of the selenium layer. This gave the SV-1 cell in normal cooling conditions an inverse-peak

4

Card 1/9

New types of selenium rectifier-cells

R/004/62/000/002/002/002
D014/D105

voltage of 25 - 40 v_{ef}, a current density of 25 ma/sq cm, a specific rectifying power of 0.3 - 0.4 w/sq cm, an over-all efficiency of 95 - 97%, an operating temperature of 65 - 75°C, and a volt-ampere characteristic as shown in Fig.5. The SV-1 cells are produced in series by the "Grigore Preoteasa" Plant. An increase of the current density in SV-3 rectifiers was achieved without reducing the inverse-peak voltage by providing the SnCd counter-electrode with adequate thallium. The SV-3 cell has in natural cooling conditions an inverse-peak voltage of 25-30 v_{ef}, a current density of 50 ma/sqcm, a specific recti-

fyng power of 0.8 w/sq cm, an over-all efficiency of 96%, an operating temperature of approx. 60°C, and a volt-ampere characteristic as shown in Fig.19. In forced cooling conditions, the specific rectifying power increases to 2.4 w/sq cm. Serial production of the SV-3 cell is being prepared. In SV-2 rectifiers, the aluminum base was first coated with a 0.5 - 1.5- μ -thick cadmium layer and then with a 60 - 70- μ -thick selenium layer. The non-rectifying junction was obtained by soldering under pressure a 40- μ -thick bismuth-coated aluminum sheet on the selenium layer. The SV-2 rectifier has in natural

Card 2/6

New types of selenium rectifier-cells

R/004/62/000/002/002/002
D014/0105

cooling conditions an inverse-peak voltage of 35 - 50 V_{ef} , a current density of 50 mA/sq cm, a specific rectifying power of 0.7 - 0.95 W/sq cm, an over-all efficiency of 96 - 97%, an operating temperature of 65 - 70°C and a volt-ampere characteristic as shown in Fig. 28. There are 31 figures.

ASSOCIATION: Mozes, L., Lapedatu, E., Zaharia, C., and Friedmann, A.: ICET; Arabian, L., Radu, O., Bartoş, V., and Dedulescu, L.: Uzinele "Grigore Preoteasa" ("Grigore Preoteasa" Plant).

Card 3/6

NYIRO, Gyula; FORNADI, Ferenc; BARTOS, Valeria

Case of anorexia nervosa cured by serial electroshock therapy. Ideg. szemle 11 no.4:99-102 Oct 58.

1. A Budapesti Orvostudományi Egyetem Pszichiatriai klinikájának (Igazgató: Dr. Nyiro Gyula egyetemi tanár) közleménye.

(APPETITE DISORDERS, ther.

anorexia nervosa, serial electroshocks (Hun))

(SHOCK THERAPY, ELECTRIC, in various dis.
same)

STANINEC, Michel, MUDr.; BARTOS, Vladimir, MUDr.

Carrier stage in diphtheria and its therapy. Cesk. pediat. 11 no.1
:31-35 Feb 56.

1. KUNZ, infekcni oddeleni, Karlovy Vary
(DIPHTHERIA, ther.
in carrier stage)

GEBHART, Alfred; BARTOS, Vladimir

Significance of diastases in differential diagnosis of parotitic meningoencephalitis. Cas. lek. cesk. 95 no.43:1191-1196 26 Oct 56.

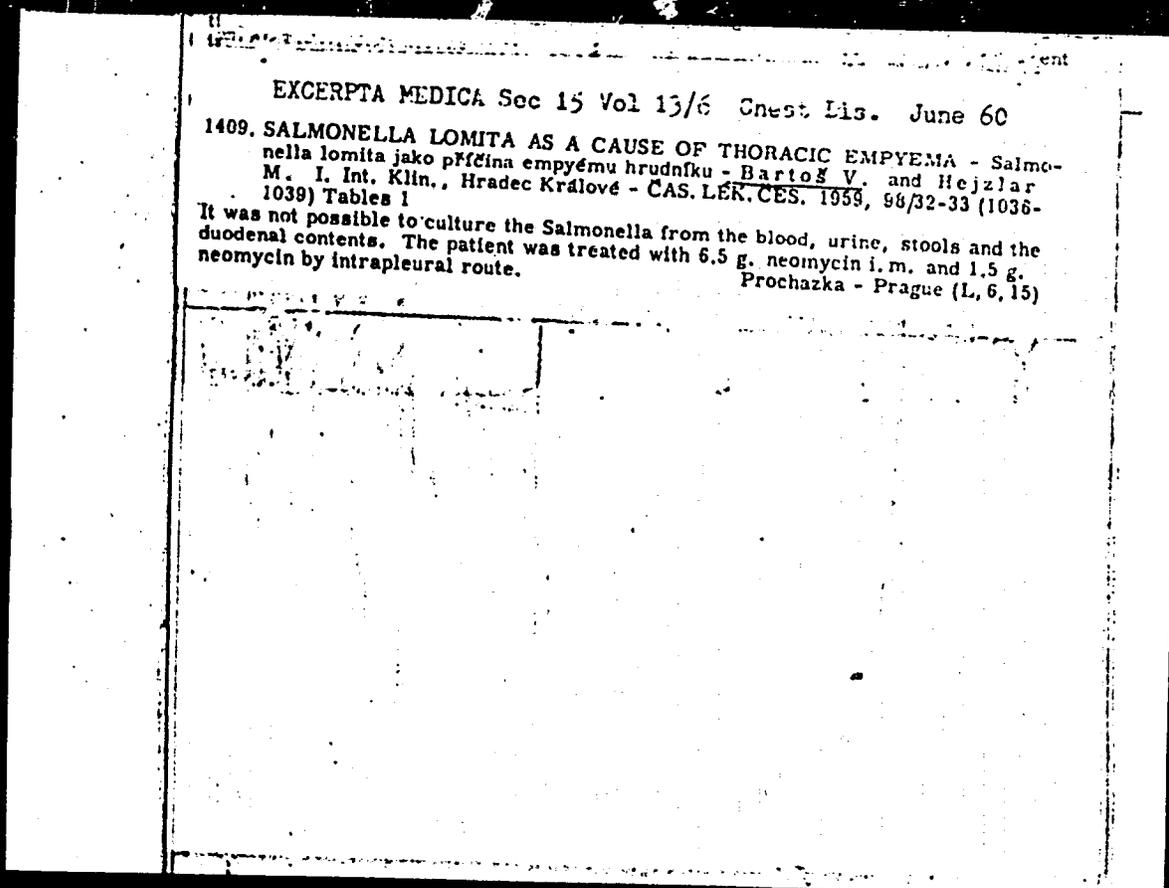
1. Infekcni odd. KUNZ Karlovy Vary, prednosta Dr. A. Gebhart.
(MENINGOENCEPHALITIS, differ. diag.
lymphocytic meningitis, determ. of blood & urine diastase (Cz))
(MENINGITIS, differ. diag.
meningoencephalitis from lymphocytic meningitis, determ. of blood & urine diastase (Cz))
(CARBOHYDRASES, determ.
of blood & urine diastase in differ. diag. of meningoencephalitis from lymphatic meningitis (Cz))

BARTOS, Vladimir, MUDr.

Experiences of industrial physicians with complexon EDTA therapy of lead poisoning. Pracovni lek. 10 no.1:48-51 Mar 58.

(EDATHAMIL, ther. use,
lead pois. (Cz))

(LEAD POISONING, ther.
edathamil (Cz))



EXCERPTA MEDICA Sec 15 Vol 13/6 Chest Lis. June 60

1409. SALMONELLA LOMITA AS A CAUSE OF THORACIC EMPYEMA - Salmonella lomita jako příčina empyému hrudníku - Bartoň V. and Hejzlár M. I. Int. Klin., Hradec Králové - CAS. LER. CES. 1959, 98/32-33 (1036-1039) Tables 1

It was not possible to culture the Salmonella from the blood, urine, stools and the duodenal contents. The patient was treated with 6.5 g. neomycin i. m. and 1.5 g. neomycin by intrapleural route. Prochazka - Prague (L, 6, 15)

BARTOS, Vladimir; Technicka spoluprace KELLEROVA, Olga; PELIKANOVA, Vlasta

Direct examination of the exocrine secretion of the pancreas following the stimulation with Secretin Spofa. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral) 4 no.3:369-377 '61.

1. I interni klinika; prednosta Dr. Sc. prof. MUDr. Jan Rehor.

(PANCREATIN) (GASTROINTESTINAL HORMONES pharmacol)

NERAD, V.; BARTOS, V.; CHROBAKOVA, H.; za technicke spoluprace HNIZDOVE, D.

A contribution to the problem of hemorrhage in liver diseases. Cesk. gastroent. vyz. 15 no.1:49-53 F '61.

1. I interni klinika lekarske fakulty KU v Hradci Kralove, prednosta prof. MUDr. Jan Rehor.

(LIVER DISEASES complications) (HEMORRHAGE etiology)

BARTOS, Vladimir

Use of Edtocal Spofa for the inhalation prophylaxis of lead poisoning.
Prac. lek. 14 no.2:98-102 Mr '62.

1. OUNZ Pribram, zavodni stredisko Kovohute.

(EDATHAMIL ther) (AEROSOLS ther)
(LEAD POISONING prev & control)

BARTOS, Vladimir; GROH, Jindrich; ERBEN, Josef; Technicka spoluprace DOBROVOLNA,
Anna; KOUEOVA, Marie; SCHROFLOVA, Alena; SEDLACKOVA, Stanislava

The diuretic value of chlorothiazide Spofa and hydrochlorothiazide
(Esidrex Ciba). Cas. Lek. Cesk. 101 no.5:129-138 2 F '62.

1. I interni klinika lekarske fakulty KU v Hradci Kralove, prednosta
prof. DrSc. MUDr. Jan Rehor.

(CHLOROTHIAZIDE)

BARTOS, Vladimir; GROH, Jindrich; technicka spoluprace: KELLEROVA, Olga;
PELIKANOVA, Vlasta.

Importance of determining serum transaminase in patients
with chronic recurrent pancreatitis. Sborn.ved.prac.lek.
fak.Karlov.Univ.(Hrad.Kral.) 6 no.3:325-329 '63.

1. I interni klinika, Universita Karlova (prednosta: prof.,
MUDr. F.Cernik).

*

CZECHOSLOVAKIA

ŠKAUNIC, V; BARTOS, V; NERAD, V; HEROUT, V.

1. First Internal Medicine Clinic (I. ~~Vnitřní~~ vnitřní klinika);
2. Pathological Anatomy Institute of the Medical ~~Rz~~ Faculty of KU (Patologicko anatomický ústav lékařské fakulty KU), Hradec Kralovy

Brno, Vnitřní lékařství, No 9, 1963, pp 869-879

"The Significance of Liver Biopsy for Practice of ~~Intef~~ ;
~~Eng~~ Integral Medicine. Evaluation of Our Own Experience
with 300 ~~Kx~~ Liver Biopsies.

BARTOS, V.

7

CZECHOSLOVAKIA

ERBEN, J; GROH, J; BARTOS, V; KRCH, V; KVASHICKA, J; NAVRATIL, P; PELIKANOVA, V; SEDLACKOVA, S.

1. First Internal Medicine Clinic LF KU (I. vnitřní klinika LF KU), Hradec Králové; 2. Urological Clinic LF KU, (Urologická klinika LF KU), Hradec Králové.

Brno, Vnitřní lékařství, No 9, 1963, pp 892-899

"Our Experience with the Treatment with Hemodialysis (I. Some Methodological Remarks, Indications and Analysis of Complications."

CZECHOSLOVAKIA

ERBEN, J; GRON, J; BARTOS, V; KRCH, V; KVASNICKA, J; NAVRATIL, P.

1. Chair of Internal Medicine of LFKU (Katedra vnitřního lékařství LFKU), Hradec Kralove; 2. Urological Clinic of LFKU (Urologická klinika LFKU), Hradec Kralove

Prague, Vnitřní lékařství, No 10, 1963, pp 990-999

"Treatment of Acute Anuria by Hemodialysis (II)."

(6)

BARTOS, V.; HRADSKY, M.; HEROUT, V.

Incidence of gastritis in patients with chronic recurrent
pancreatitis. Cesk. gastroent. vyz. 17 no.5:261-265 JI '63.

1. I interni klinika lekárske fakulty KU v Hradci Kralove,
prednosta doc. dr. F. Cernik Patologickoanatomicky ustav
lekárske fakulty KU v Hradci Kralove, prednosta prof. dr.
A. Fingerland, DrSc.

(GASTRITIS) (PANCREATITIS) (STATISTICS)

NYIRO, Gyula, dr.; FORNADI, Ferenc, dr.; BARTOS, Valeria, dr.; KAFFKA,
Karoly.

Treatment of neuro-endocrine syndromes with transcerebral
electric stimulation. Idegyogy. szemle 17 no.1:1-12 Ja'64

*